

Package ‘afcolours’

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Title Government Analysis Function Recommended Accessible Colour Palette

Version 1.0.0

Description Government Analysis Function recommended colours for use in charts on gov.uk to help meet accessibility guidance.

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Depends R (>= 2.10)

Imports dplyr, grDevices

Suggests ggplot2, testthat (>= 3.0.0)

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Encoding UTF-8

RoxygenNote 7.2.3

NeedsCompilation no

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`af_colours`*Analysis Function colour palette function*

Description

Generate a colour palette based on the selected chart and colour_format type (hex/rgb).

Usage

```
af_colours(  
  type = c("categorical", "duo", "sequential", "focus"),  
  colour_format = "hex",  
  n = 6  
)
```

Arguments

<code>type</code>	Name of required palette. Choices are: <code>categorical</code> , <code>duo</code> , <code>sequential</code> , <code>focus</code>
<code>colour_format</code>	Type of colour code to return. Choices are: <code>hex</code> , <code>rgb</code> If omitted, returns hex code
<code>n</code>	Number of colours to return for categorical palette type (max 6). If omitted, uses all colours.

Value

A vector of colour codes

Examples

```
data <- data.frame(x = c(1,2),  
                  y = c(1,2),  
                  z = c("a", "b"))  
  
ggplot2::ggplot(data, ggplot2::aes(x = x, y = y, colour = z)) +  
ggplot2::geom_point() +  
ggplot2::scale_colour_manual(values = af_colours("duo"))
```

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